WHAT IS CLAIMED IS:



- 1. An inkjet printing method comprising providing a liquid inkjet ink which contains a thermally responsive material and applying the liquid inkjet ink onto an inkjet recording element in an imagewise fashion, wherein the inkjet recording element has been heated to a temperature higher than the temperature of the liquid inkjet ink.
- 2. The method of Claim 1 wherein the inkjet ink has a viscosity of less than about 10 centipoise at 22°C and has a viscosity of more than about 20 centipoise above its gel transition temperature.
- 3. The method of Claim 1 wherein the inkjet inks has a viscosity of less than about 10 centipoise at 22°C and has a viscosity of more than about 1000 centipoise above its gel transition temperature
- 4. The method of Claim 1 wherein the thermally responsive material comprises a polyethylene oxide-containing block copolymer.
- 5. The method of Claim 4 wherein the polyethylene oxidecontaining block copolymer is a tri-block copolymer of polyethylene oxidepolypropylene oxide-polyethylene oxide.
- 6. The method of Claim 1 in which the thermally responsive material is a methyl cellulose polymer.
- 7. The method of Claim 1 in which the inkjet ink contains about 0.1-40% of the thermally responsive material and about 0.5-10% of a colorant.
 - 8. The method of Claim 7 in which the colorant is a dye.





- 9. The method of Claim 7 in which the colorant is a pigment.
- 10. The method of Claim 1 wherein the inkjet recording element has been heated to a temperature of 35° C or greater.
- 11. An inkjet printing method with controlled color bleed and drop coalescence comprising;
- a) loading inkejecting elements of a printer with liquid inkjet ink comprising a thermally responsive material;
 - b) loading the printer with an inkjet recording element;
- c) heating the inkjet recording element to a temperature higher than temperature of the inkjet ink in the ink ejecting elements; and
- d) ejecting the liquid inkjet ink from the ink ejecting elements onto the heated inkjet recording element in response to digital data signals.
- 12. The method of Claim 11 wherein the inkjet ink has a viscosity of less than about 10 centipoise at 20°C and has a viscosity of more than about 20 centipoise above its gel transition temperature.
- 13. The method of Claim 11 wherein the inkjet ink has a viscosity of less than about 10 centipoise at 20°C and has a viscosity of more than about 1000 centipoise above its gel transition temperature.
- 14. The method of Claim 11 wherein the thermally responsive material comprises a polyethylene oxide-containing block copolymer.
- 15. The method of Claim 14 wherein the polyethylene oxidecontaining block copolymer is a tri-block copolymer of polyethylene oxidepolypropylene oxide-polyethylene oxide.







- 16. The method of Claim 11 in which the thermally responsive material is a methyl cellulose polymer.
- 17. The method of Claim 11 in which the inkjet ink contains about 0.1-40% of said thermally responsive material and about 0.5-10% of a colorant.
 - 18. The method of Claim 17 in which said colorant is a dye.
 - 19. The method of Claim 17 in which said colorant is a pigment.
- 20. The method of Claim 11 wherein the inkjet recording element has been heated to a temperature of 35°C or greater.